

METHODS AND COMPOSITIONS FOR INCREASING THE  
ANAEROBIC WORKING CAPACITY IN TISSUES

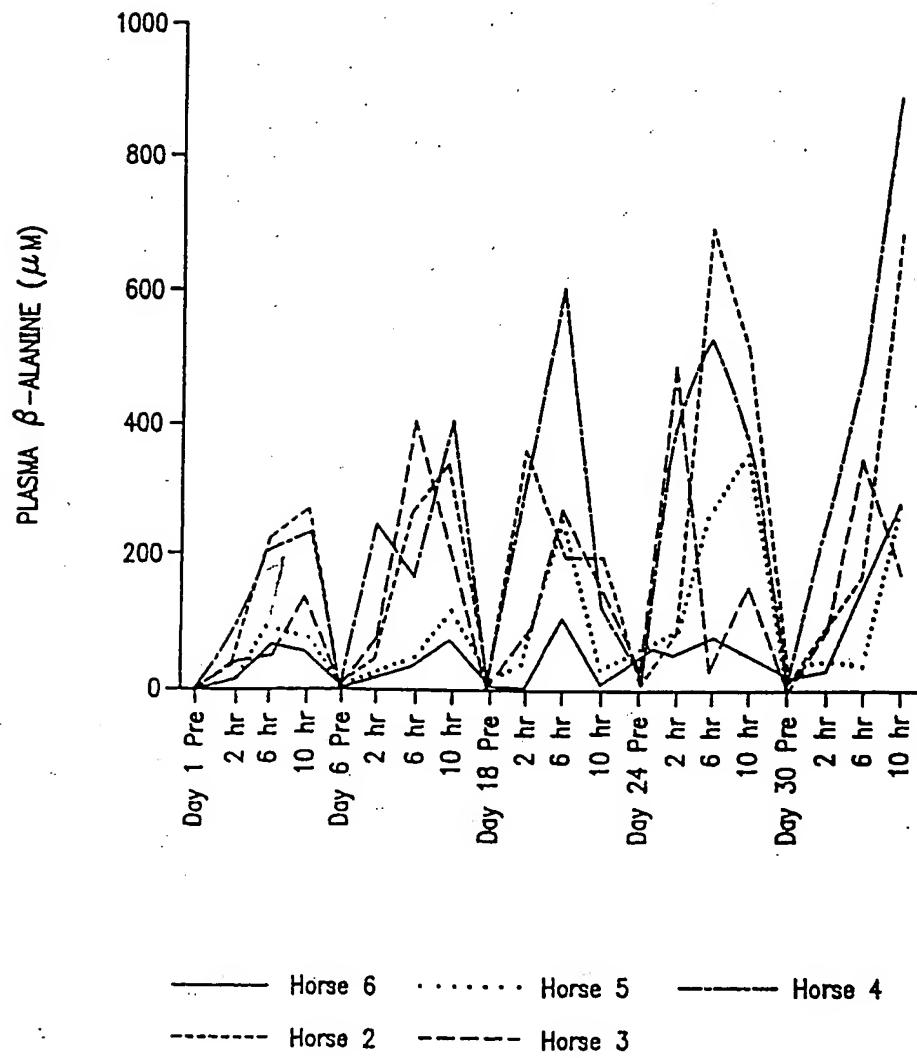


FIG. 1

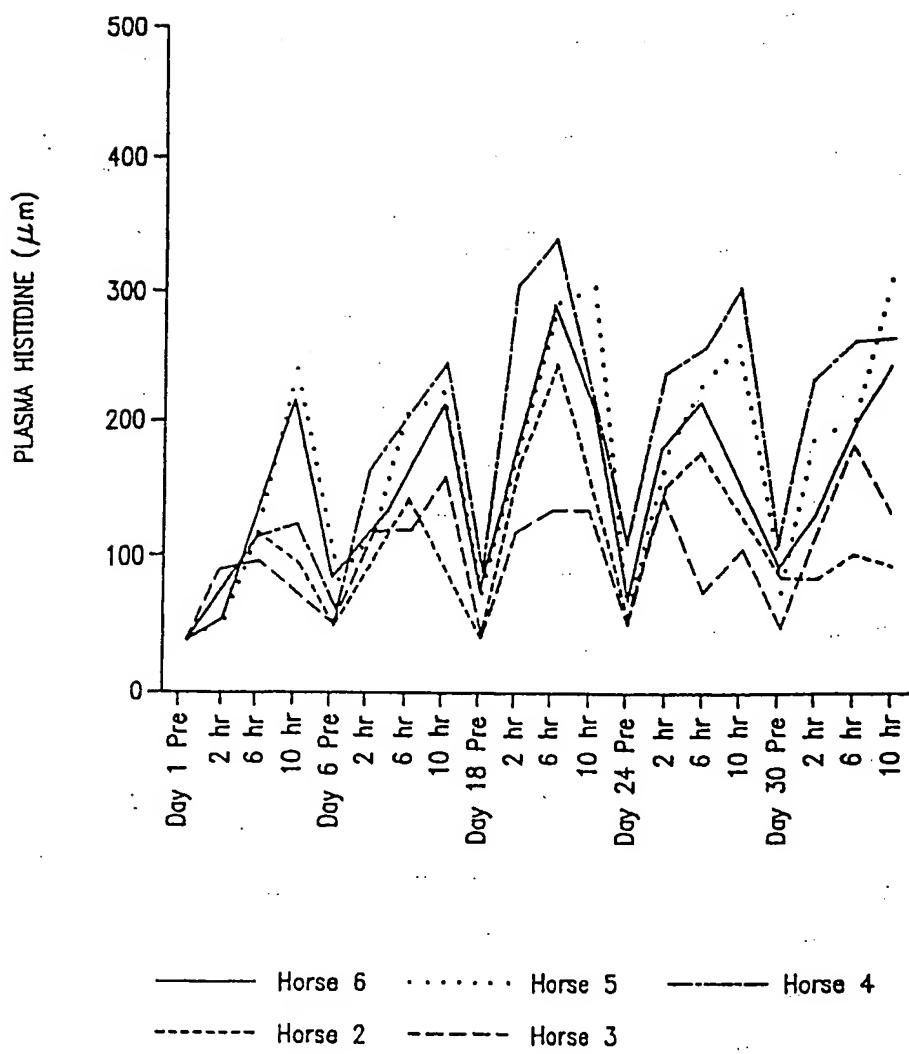


FIG. 2

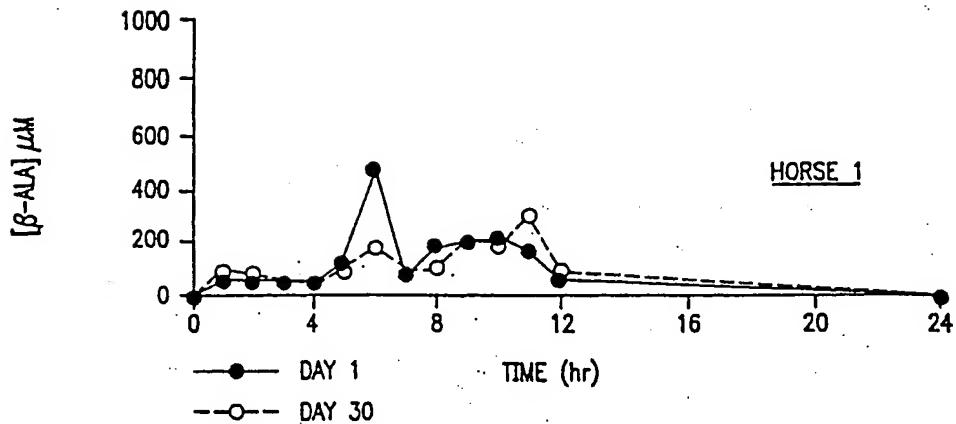


FIG. 3A

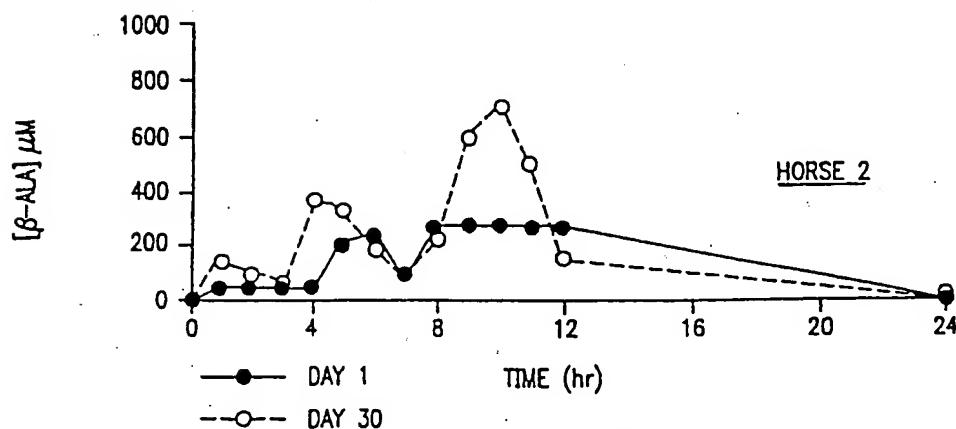


FIG. 3B

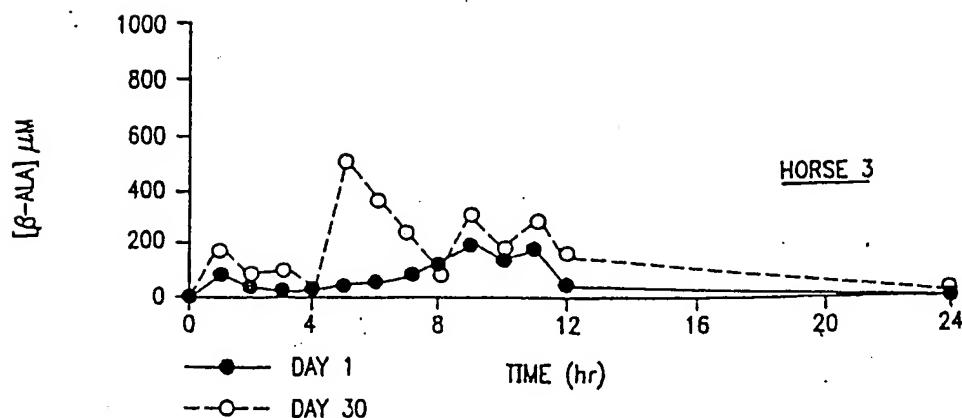


FIG. 3C

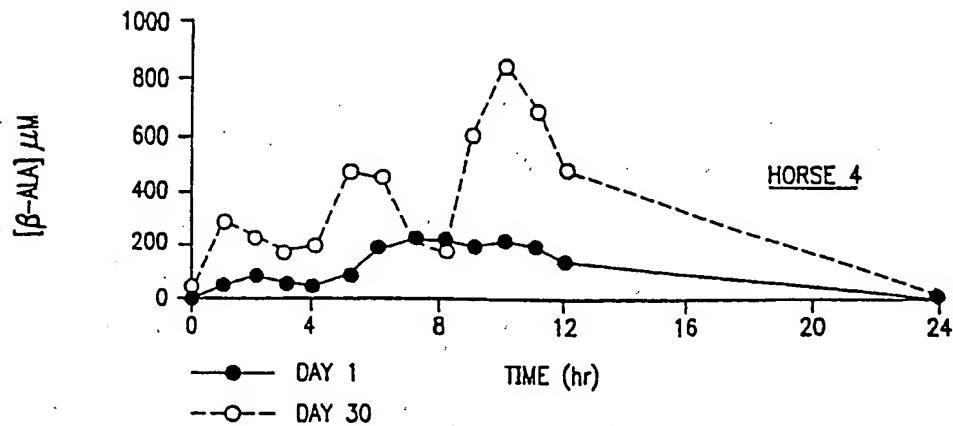


FIG. 3D

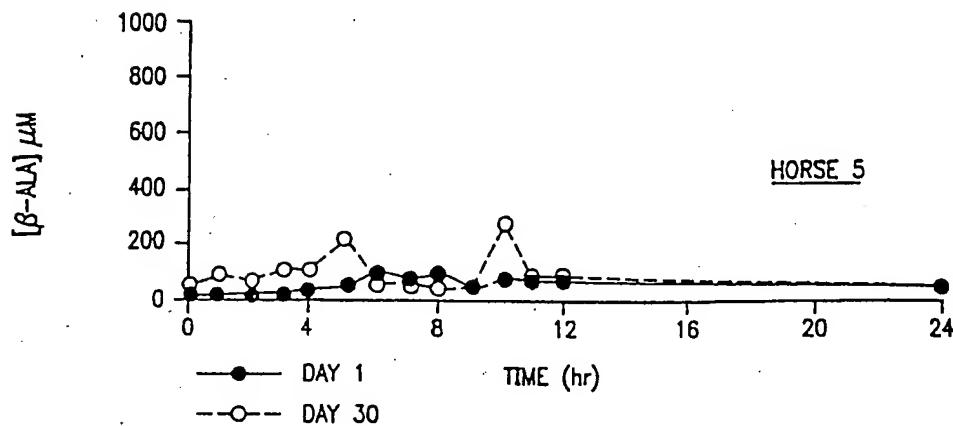


FIG. 3E

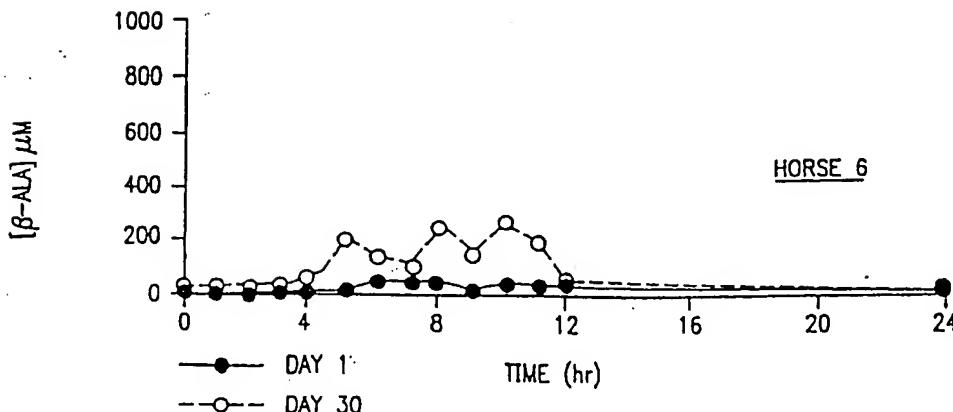


FIG. 3F

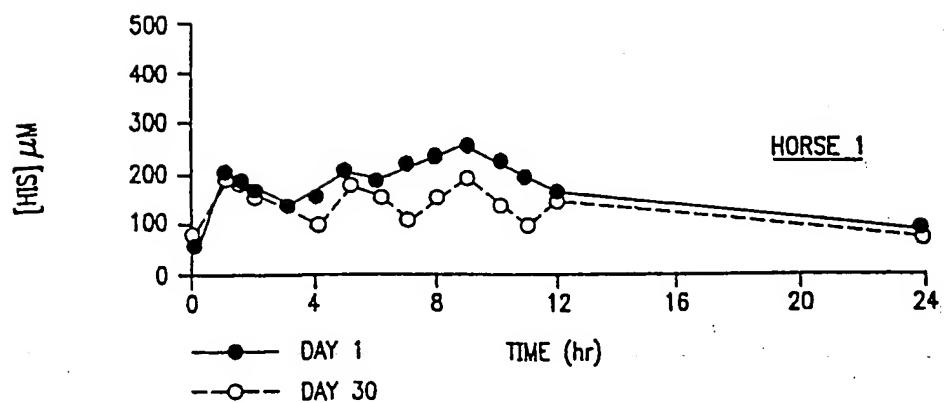


FIG. 4A

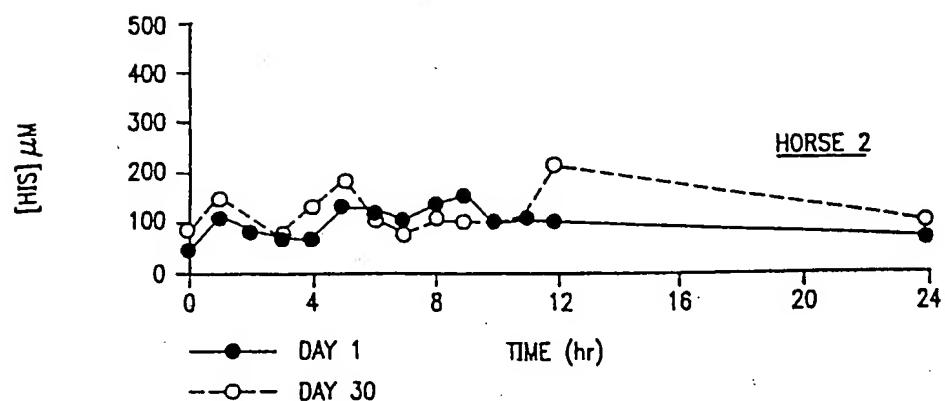


FIG. 4B

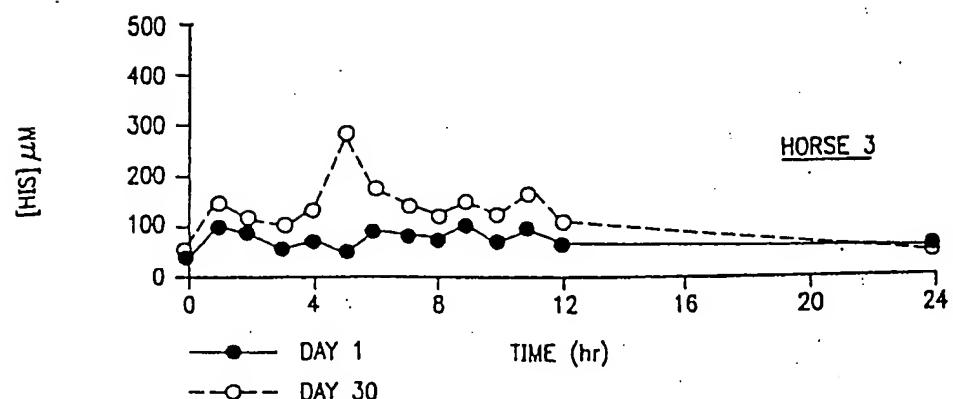


FIG. 4C

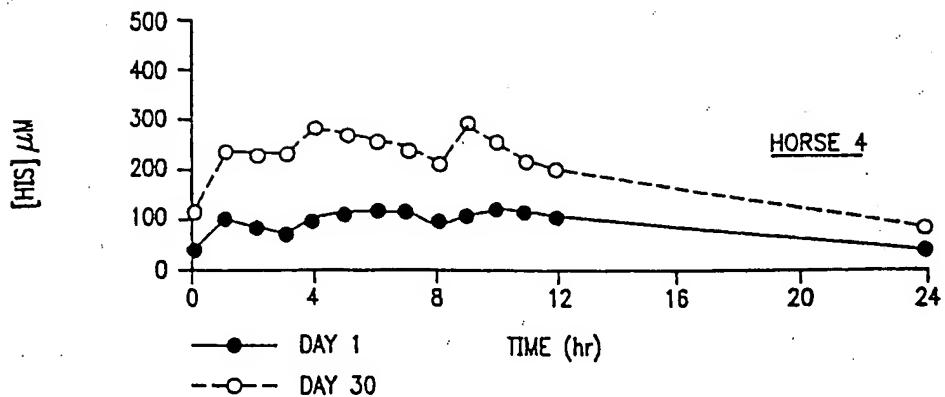


FIG. 4D

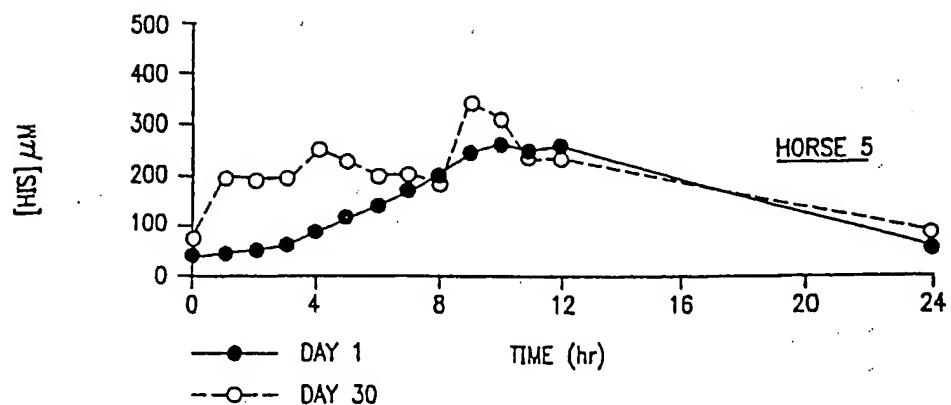


FIG. 4E

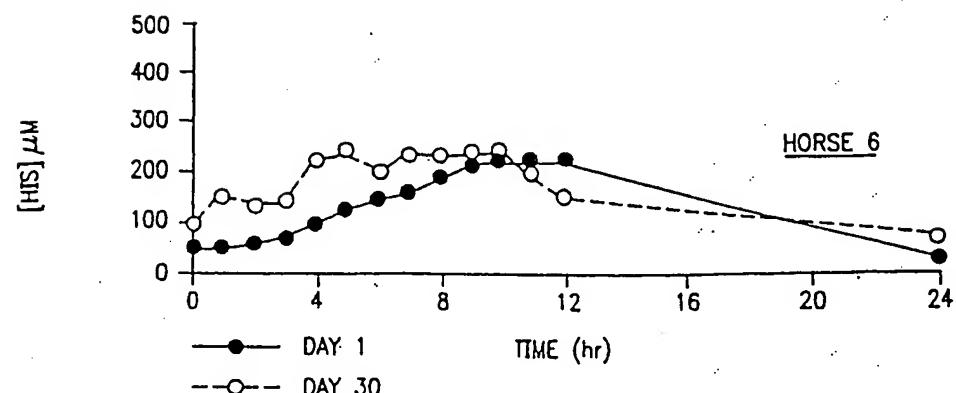


FIG. 4F

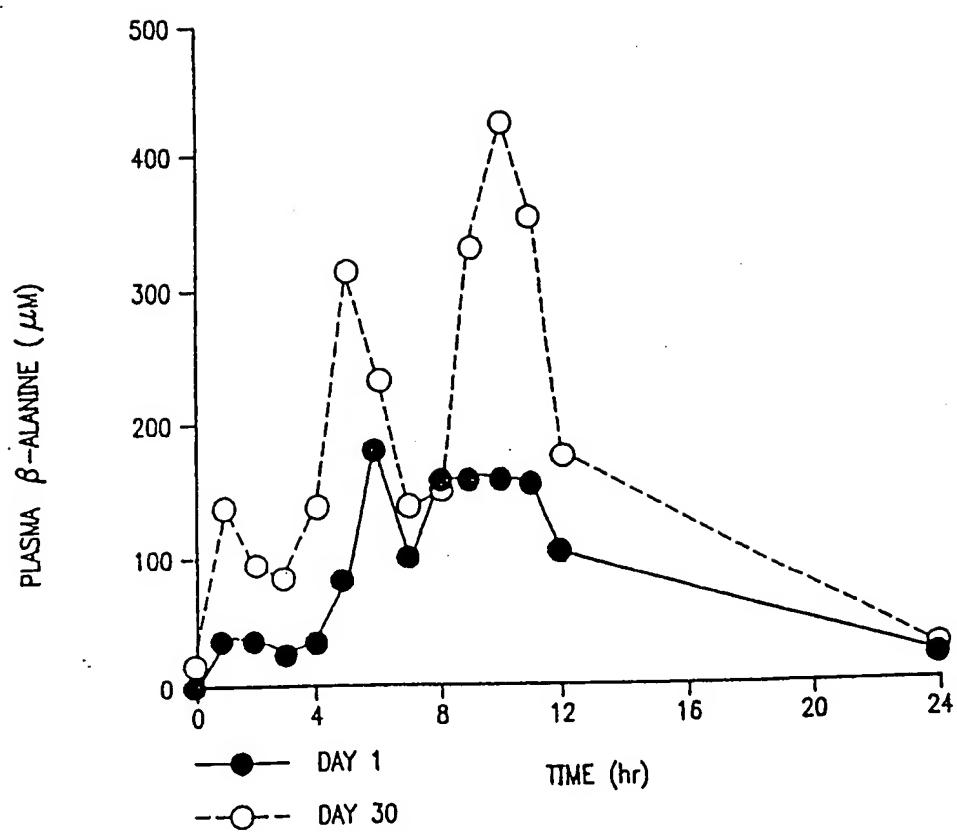


FIG. 5

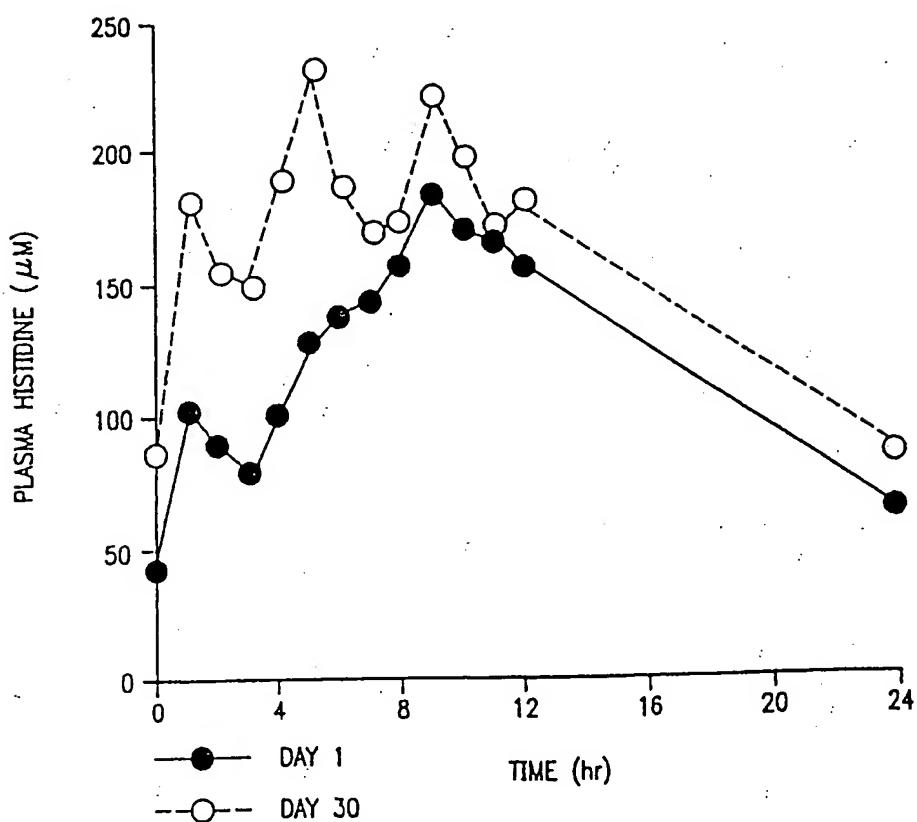


FIG. 6

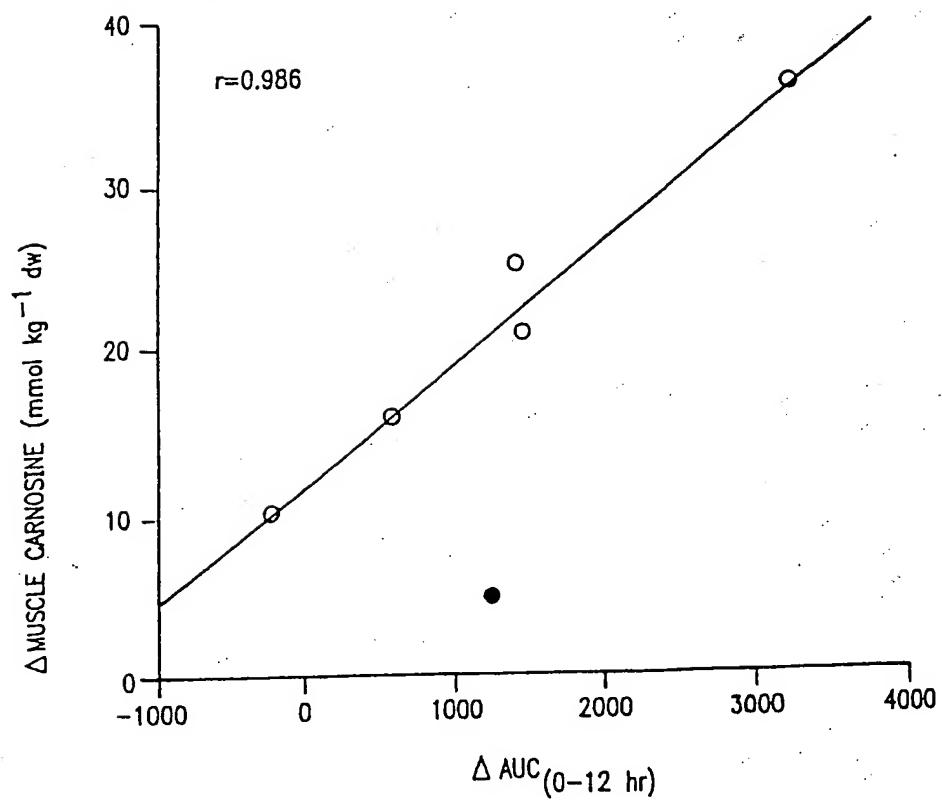


FIG. 7

METHODS AND COMPOSITIONS FOR INCREASING THE  
ANAEROBIC WORKING CAPACITY IN TISSUES

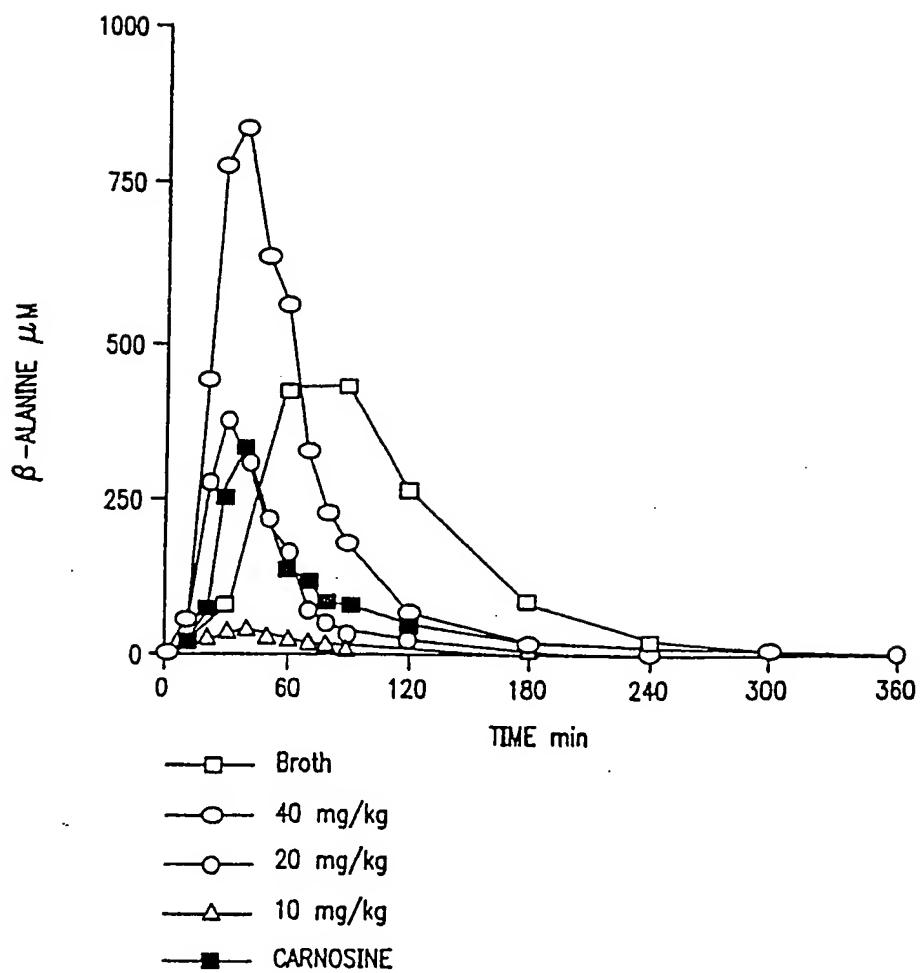


FIG. 8

METHODS AND COMPOSITIONS FOR INCREASING THE  
ANAEROBIC WORKING CAPACITY IN TISSUES

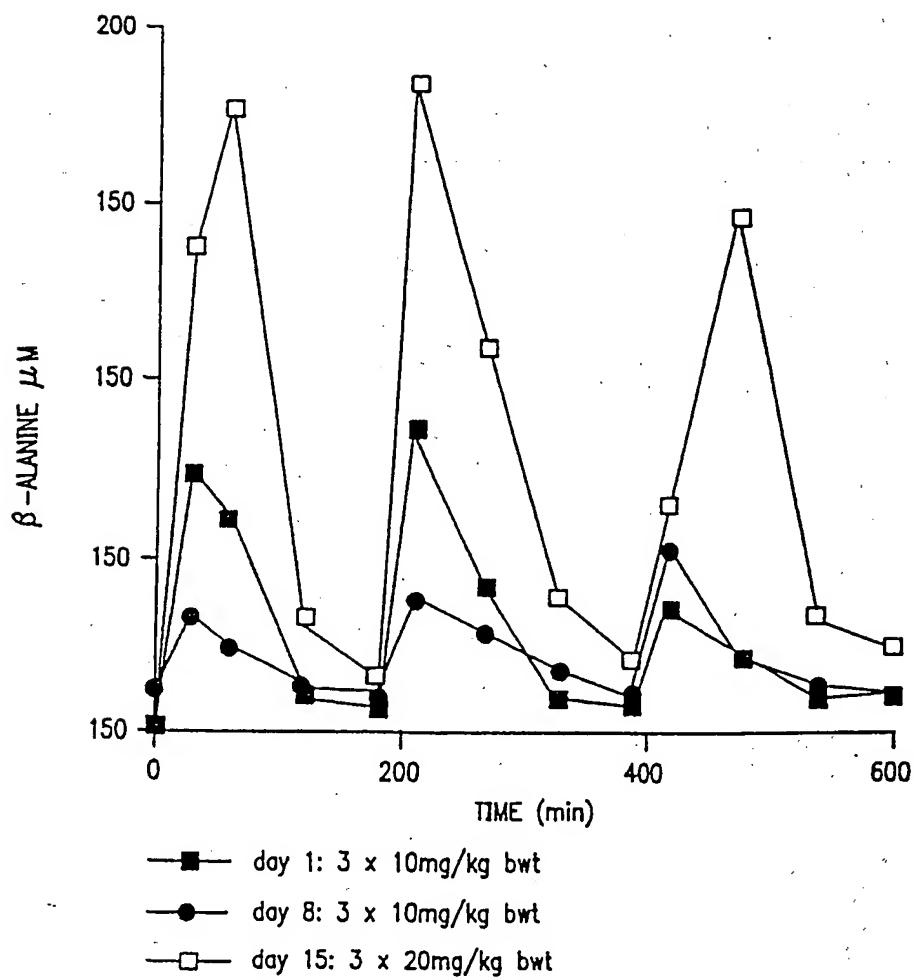


FIG. 9

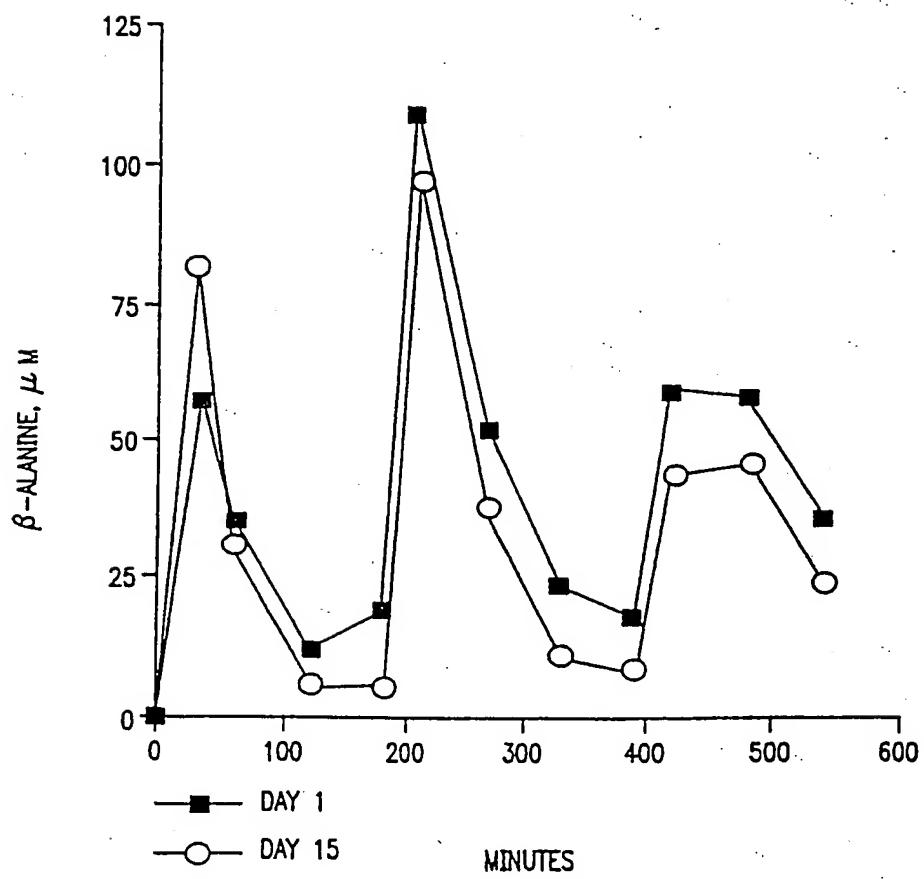


FIG. 10

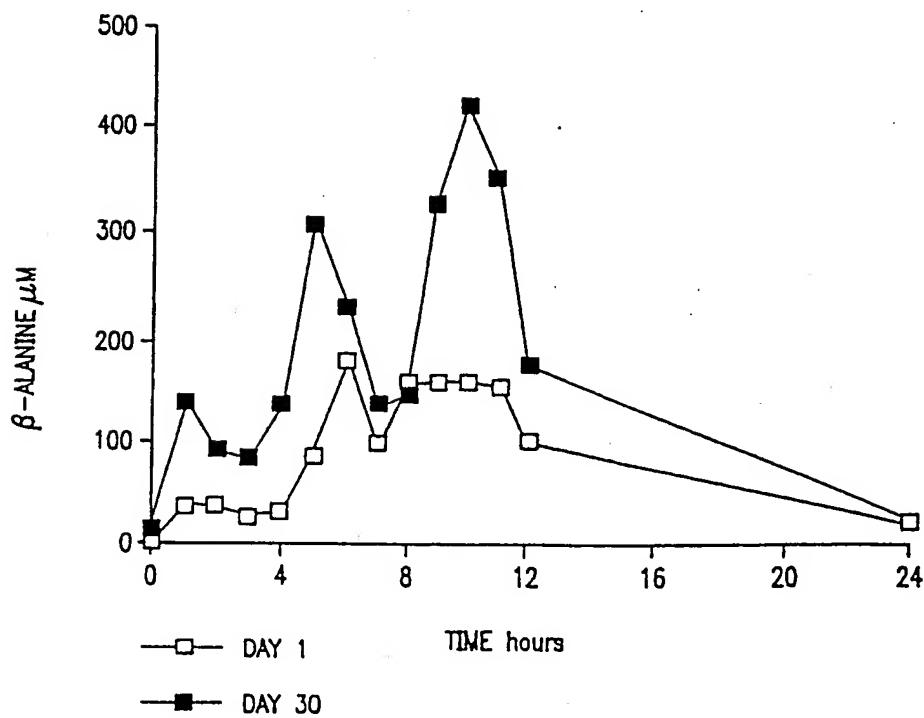
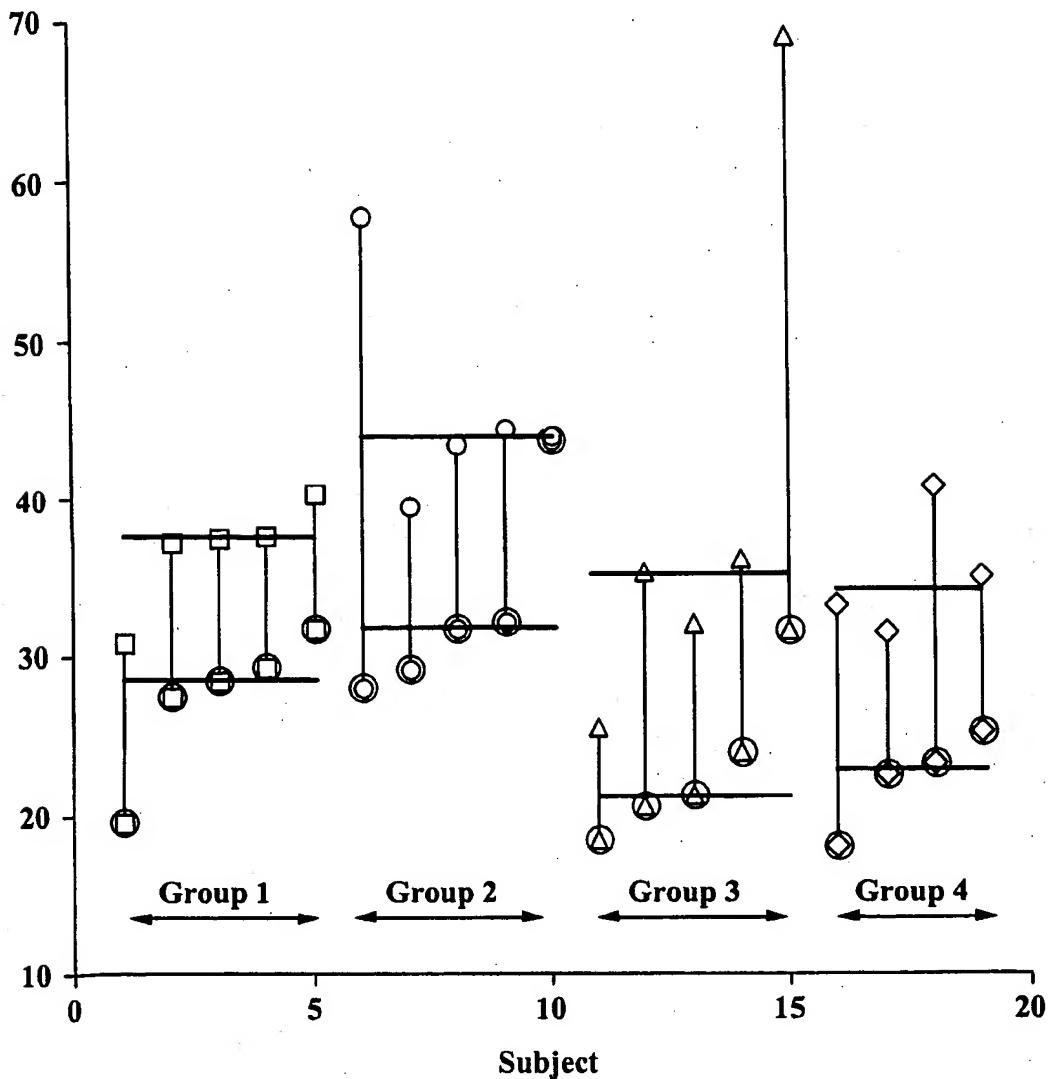


FIG. 11

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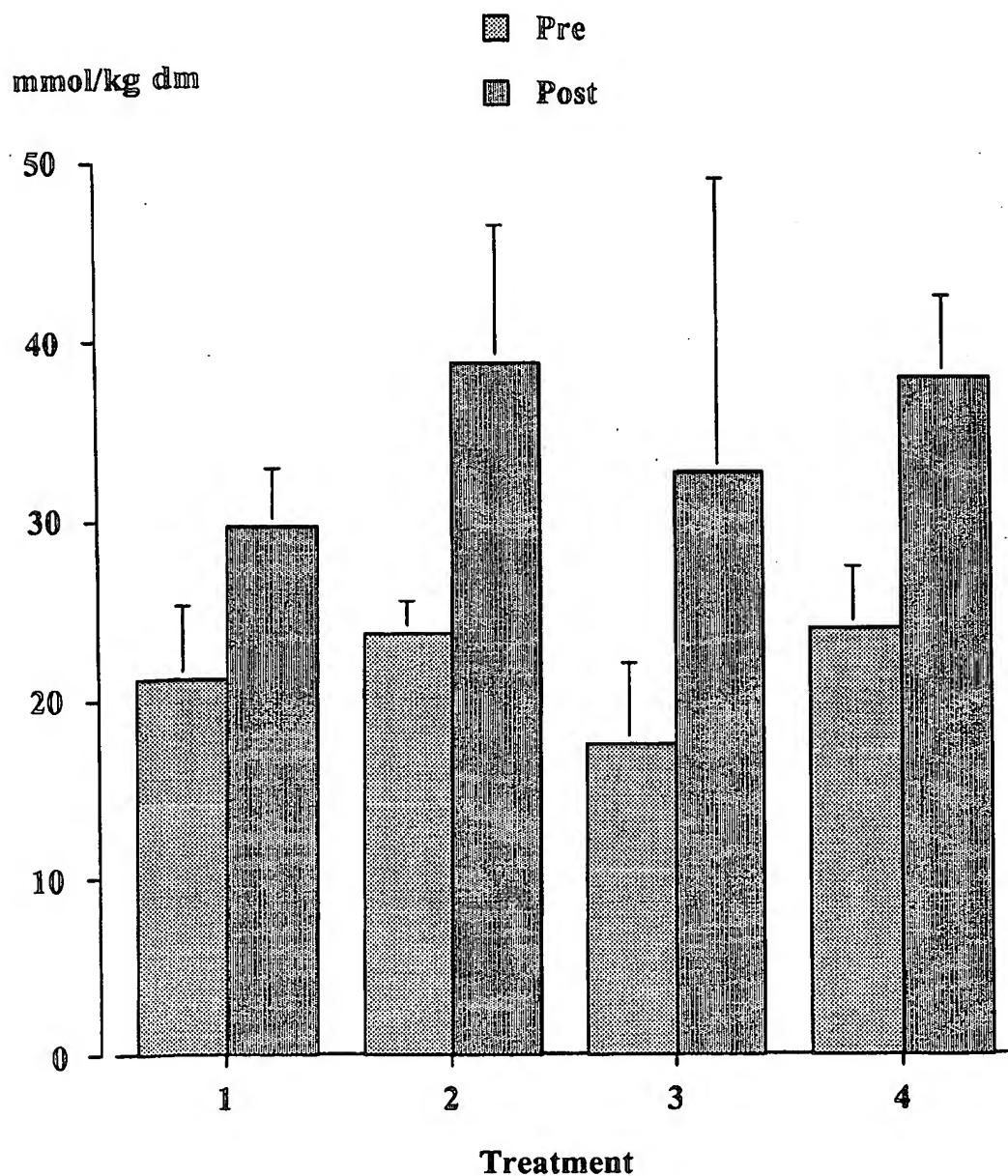
Figure 12

mmol/kg dm



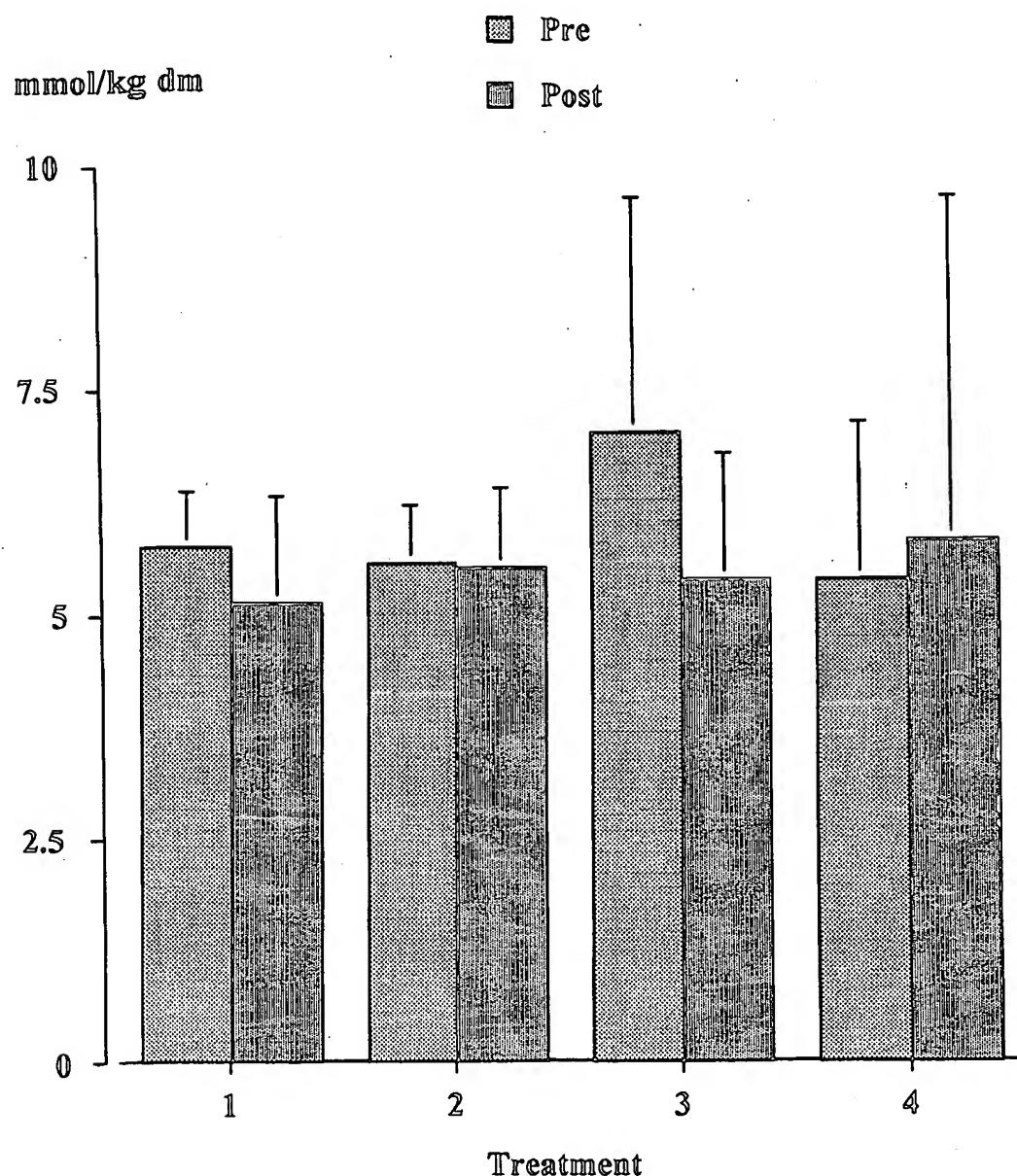
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Figure 13



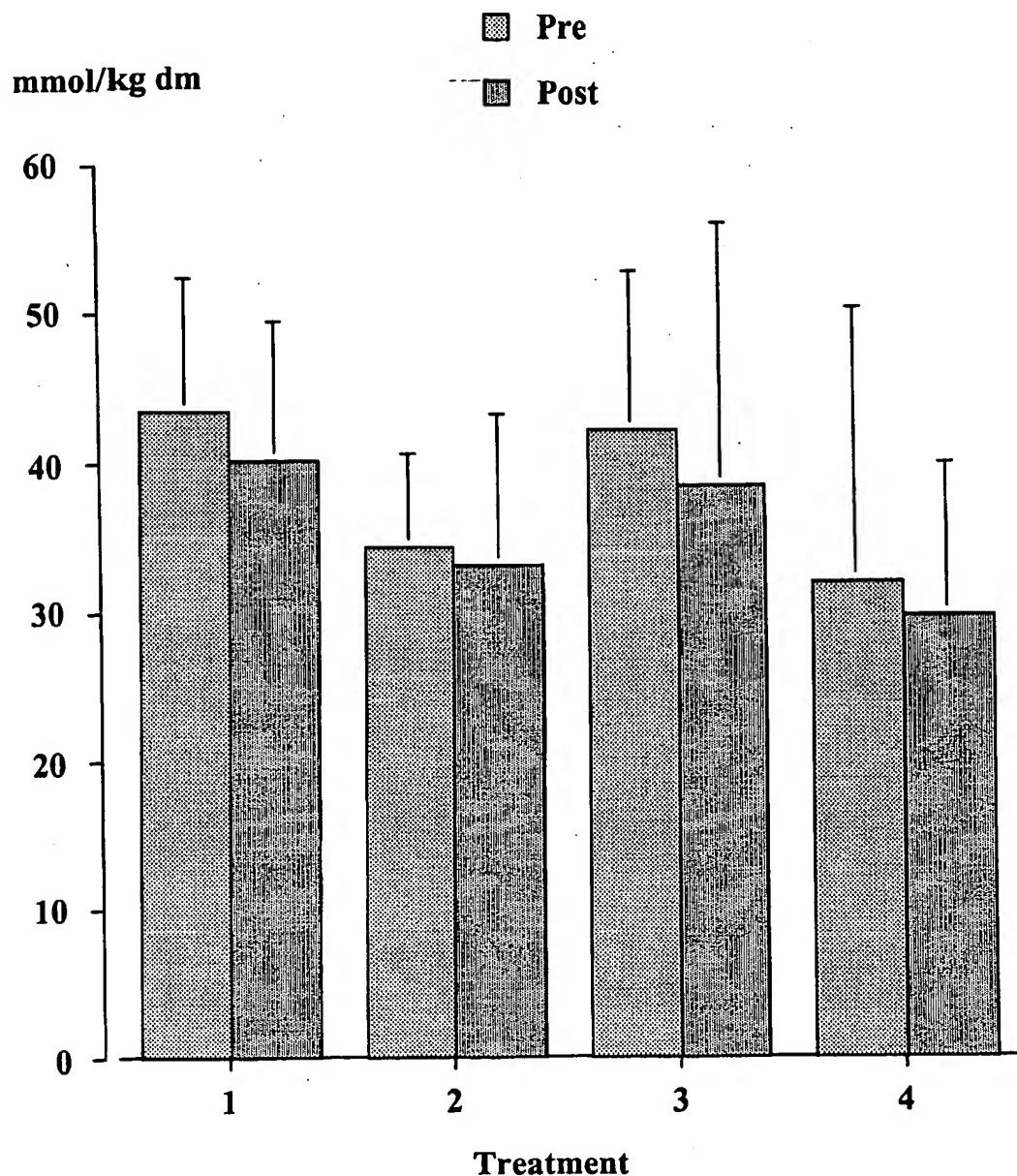
08457-002005

Figure 14



08457-002005

Figure 15



08457-002005

Figure 16

mmol/kg dm

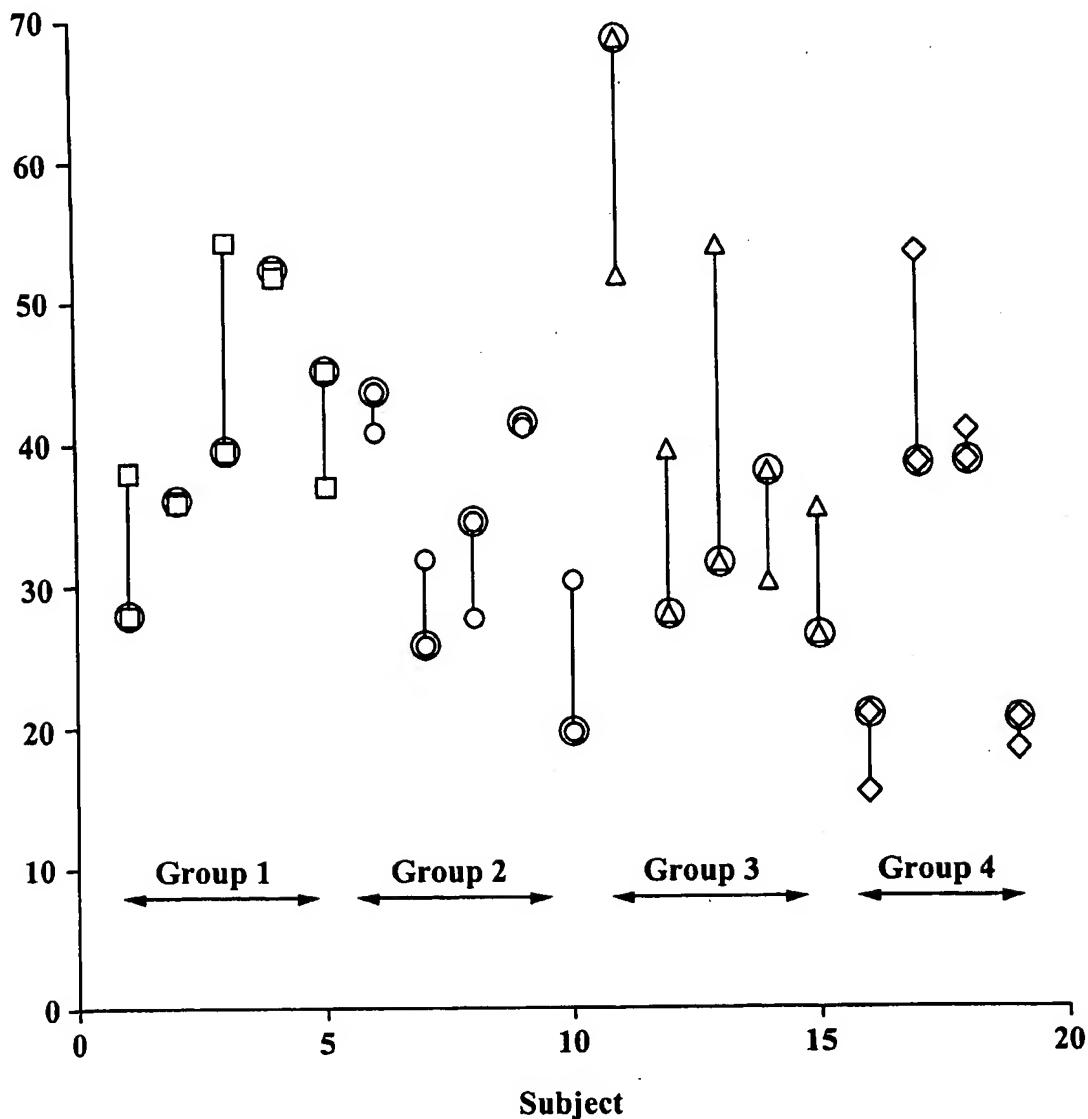


Figure 17

Table 9

TREAT-MENT	Week	DOSING TIMES						AVG DOSE (mg times)	PER DAY GIVEN x	as $\beta$ -Ala
		9am	10am	11am	12noon	3pm	4pm			
1 Beta alanine ( $\beta$ -Ala) n = 5	1	800mg	800mg	800mg	800mg	800mg	800mg	800mg	800 x 4	3.2g
	2	-	800mg	-	800mg	800mg	800mg	800mg	800 x 4	3.2g
	3	-	800mg	-	800mg	800mg	800mg	800mg	800 x 4	3.2g
	4	-	800mg	-	800mg	800mg	800mg	800mg	800 x 4	3.2g
									Total 90g $\beta$ -Ala in 4W	
2 Beta alanine ( $\beta$ -Ala) n = 5	1	400mg	400mg	400mg	400mg	800mg	400mg	400mg	500 x 8	4.0g
	2	400mg	400mg	400mg	400mg	800mg	400mg	400mg	600 x 8	4.8g
	3	400mg	800mg	800mg	800mg	400mg	800mg	800mg	700 x 8	5.6g
	4	800mg	800mg	800mg	800mg	800mg	800mg	800mg	800 x 8	6.4g
									Total 146g $\beta$ -Ala in 4W	
3 Carnosine (C) n = 5	1	1500mg	1500mg	1000mg	1000mg	1500mg	1500mg	1000mg	1250 x 8	10g
	2	1500mg	1500mg	1500mg	1500mg	1500mg	1500mg	1500mg	1500 x 8	12g
	3	2000mg	1500mg	1500mg	2000mg	1500mg	1500mg	2000mg	1750 x 8	14g
	4	2000mg	2000mg	2000mg	2000mg	2000mg	2000mg	2000mg	2000 x 8	16g
									Total 364g C in 4W (145g $\beta$ -Ala)	